

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4102	600/437,459.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 11:05
S2	2466	600/437.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 11:05
S3	485	600/437.ccls. and housing	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 11:05
S4	12	600/437.ccls. and (housing filled with liquid)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 11:38
S5	11	S4 and @ad<"20051020"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 11:52
S6	0	s2and @ad<"20051020"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 11:56
S7	2466	600/437.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 11:57

S8	2038	S7 and @ad<"20051020"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 11:57
S9	84	S8 and cavitation	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 12:18
S10	6	S8 and housing in contact with skin surface	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 12:19
S11	485	600/437.ccls. and housing	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 12:20
S12	398	S11 and @ad<"20051020"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 12:20
S13	28	600/437.ccls. and housing with cavity	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 12:21
S14	26	S13 and @ad<"20051020"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 12:22
S15	67	600/437.ccls. and housing contact\$3 surface	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 12:24

S16	53	S15 and @ad<"20051020"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 12:24
S17	11	600/437.ccls. and housing contact\$3 surface and liquid coupling	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 12:31
S18	8	S17 and @ad<"20051020"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 12:31
S19	77	S7 and (liquid coupling) and @ad<"20051020"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/08/11 12:33
S20	14	("4517840"   "4784148"   "5178150"   "5226422"   "5738901"   "5830182"   "7479128").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/09/14 09:30
S21	4	(("5178150") or ("7479128")).PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:31
S22	8	("20010012915"   "20020010399"   "4992416"   "6486669"). PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/09/14 09:34
S23	18	("4149419"   "4165648"   "4237901"   "4316271"). PN. OR ("4517840"). URPN.	US_PGPUB; USPAT; USOCR	SAME	ON	2009/09/14 10:09
S24	3	("5231975").PN. or (11/373419).APP.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 10:23

S25	58	("4372296"   "4692139"   "4767402"   "4780212"   "4791915"   "4804364"   "4821740"   "4953565"   "5115805").PN. OR ("5231975").URPN.	US_PGPUB; USPAT; USOCR	SAME	ON	2009/09/14 10:37
S26	67	("4309989"   "4372296"   "4692139"   "4767402"   "4780212"   "4791915"   "4804364"   "4821740"   "5016615").PN. OR ("5115805").URPN.	US_PGPUB; USPAT; USOCR	SAME	ON	2009/09/14 11:24
S27	0	ultraso\$8 housing having opening between skin surface and transducer for liquid coupling	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/09/14 11:28
S28	0	ultraso\$8 having liquid coupling	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/09/14 11:28
S29	74	ultraso\$8 liquid coupling skin surface	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/09/14 11:28
S30	2	"US 20060241533"	US_PGPUB; USPAT; USOCR; DERWENT	SAME	ON	2009/09/23 14:16
S31	905	ultrasound (disposable or sterilable)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/09/24 12:54
S32	363	ultrasound (disposable or sterilable)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 12:54
S33	11	ultrasound housing (disposable or sterilable)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 12:55

S34	140	transducer housing (disposable or sterilable)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 12:59
S35	102	transducer housing (disposable or sterilable) and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 13:00
S36	4	("2478952").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/24 13:01
S37	0	steralizable transducer housing component	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 13:04
S38	0	steralizable transducer housing component	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/09/24 13:04
S39	2	transducer housing (cleanable or sterilable) and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 13:17
S40	0	600/407.ccls. and housing (cleanable or sterilable) and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 13:17
S41	0	600/407.ccls. and housing (cleanable or sterilable) and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/09/24 13:17

S42	2	transducer housing (cleanable or sterilizable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 13:18
S43	0	transducer housing sterilizable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 13:18
S44	12	(steraliz\$4 or clean\$3) (component or apparatus) and 600/407.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 13:19
S45	5	S44 and @ad<"20040422"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 13:19
S46	0	(steraliz\$4 or clean\$3) (component or apparatus) and 600/446.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 13:22
S47	8	(steraliz\$4 or clean\$3) and 600/446.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 13:22
S48	6	S47 and @ad<"20040422"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/09/24 13:24
S49	6	("4515583"   "5279282"   "6234990").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/09/28 15:01

S50	6	((("6206843") or ("6378376") or ("6478754")).PN. or (2002/01901136).CQLS.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/28 15:11
S51	18	((("6190336") or ("6206843") or ("5904659") or ("5618275") or ("5545124") or ("7128719") or ("6842641") or ("6487447") or ("6500141")).PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/19 11:22
S52	13	((4515583"   "5279282"   "6206843"   "6234990"   "6378376"   "6478754").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/01/19 14:02
S53	18	((("6190336") or ("6206843") or ("5904659") or ("5618275") or ("5545124") or ("7128719") or ("6842641") or ("6487447") or ("6500141")).PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/20 14:41
S54	1	S53 and (saline or detergent)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/01/20 14:41
S55	1	S53 and polyurethane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/01/20 14:55
S56	12	(barrier or interface) between transducer liquid polyurethane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/01/20 14:56

S57	6	S56 and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/20 14:56
S58	7	(barrier or interface) transducer (agent or couplant) polyurethane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/01/20 14:58
S59	2	S58 and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/20 14:58
S60	75	(barrier or interface) transducer polyurethane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/01/20 14:59
S61	41	S60 and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/20 14:59
S62	19	(barrier or interface) (ultrasonic or ultrasound) transducer polyurethane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/01/20 14:59
S63	13	S62 and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/20 14:59
S64	8	(barrier or interface) (ultrasonic or ultrasound) transducer (coupling or coupler or agent) polyurethane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/01/20 15:04

S65	4	S64 and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/20 15:05
S66	63	("3663842").URPN.	USPAT	SAME	ON	2011/01/20 15:09
S67	9	("4211949"   "4441503"   "4641660"   "4867169"   "5027659"   "5099459"   "5426980"   "6102860"   "6120452").PN. OR ("6368281").URPN.	US_PGPUB; USPAT; USOCR	SAME	ON	2011/01/20 15:09
S68	0	(S66 or S67) and ((barrier or interface) (ultrasonic or ultrasound) transducer (coupling or coupler or agent) polyurethane)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/01/20 15:10
S69	0	(S66 or S67) and ((ultrasonic or ultrasound) transducer (coupling or coupler or agent) polyurethane)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/01/20 15:10
S70	76	(ultrasonic or ultrasound) transducer (coupling or coupler or agent) polyurethane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/01/20 15:10
S71	36	S70 and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/20 15:11
S72	3	("4579123").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/21 14:39
S73	21	("4579123").URPN.	USPAT	SAME	ON	2011/01/21 16:33
S74	21	("4579123").URPN.	USPAT	SAME	ON	2011/01/22 12:28

S75	20	S74 and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/22 12:28
S76	18	interface acoustic\$5 match (agent or coupling or liquid)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/22 12:51
S77	0	S74 and interface acoustic \$5 match (agent or coupling or liquid)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/22 12:51
S78	20	S75 and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/22 12:51
S79	9	S76 and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/22 12:52
S80	7	transducer interface acoustic\$5 match (agent or coupling or liquid)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/22 13:06
S81	2	S80 and @ad<"20040422"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/22 13:07
S82	0	transducer barrier acoustic \$5 match (agent or coupling or liquid)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/22 13:08

S83	7	transducer interface acoustic\$ match (agent or coupling or liquid)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/01/22 13:15
S84	2	("20040162467").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/21 09:03
S85	3	("2002102249").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/21 09:04

**EAST Search History (Interference)**

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